

# **ABSTRACT**

A method of laser marking metals, plastics, ceramic materials, glazes, glass ceramics, and glasses of any  
5 desired form, which comprises applying to the material to be marked a variable thickness layer of marking material containing energy absorbing enhancers then irradiating said layer with a laser or diode based energy source such that the radiation is directed onto said layer in accordance with  
10 the form of the marking to be applied, and using a laser or diode based energy source of a wavelength which is sufficiently absorbed by the marking material so as to create a bonding of the marking material to the surface of the workpiece at the irradiated areas.

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